APT Rec'd PCT/PTO 05 MAY 2006

ORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE 9792-97410 TRANSMITTAL LETTER TO THE UNITED STATES U.S. APPLICATION NO. (If known, see 37 CFR 1.5) DESIGNATED/ELECTED OFFICE (DO/EO/US) NOT YET ASSIGNED 78389 CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/GB2004/004741 10 November 2004 10 November 2003 TITLE OF INVENTION DIGITAL SIGNAL PROCESSING WITH IMPROVED MAPPING APPLICANT(S) FOR DO/EO/US Michael P. Hobson and Charles I. Mclachlan Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), 3. (9) and (24) indicated below. The US has been elected (Article 31). 4. 5. A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) is attached hereto (required only if not communicated by the International Bureau). a. 🗆 b. 🗆 has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). c. \Box 6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. 🗆 is attached hereto. b. 🗆 has been previously submitted under 35 U.S.C. 154(d)(4). 7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. c. 🛚 have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 11. A copy of the International Preliminary Examination Report (PCT/IPEA/409). \boxtimes A copy of the International Search Report (PCT/ISA/210). 12. Items 13 to 23 below concern document(s) or information included: 13. An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. \boxtimes A FIRST preliminary amendment. A SECOND or SUBSEQUENT preliminary amendment. 16. 17 A substitute specification. 18. A power of attorney and/or change of address letter. 19. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 20. A second copy of the published International Application under 35 U.S.C. 154(d)(4). 21. A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 22 \boxtimes Express Mail Label No. EV 84396614 US

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23. Other items or information: RETURN POSTCARD								
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25. ⊠ Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article \$0 All other situations. \$200							\$200.00	
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Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.							\$750.00	
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Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).							\$0.00	
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Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +						\$	\$0.00	
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NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.								
SEND ALL CORRESPONDENCE TO:		Thom	n h V	<u></u>				
		SIGNATUR	E '					
Thomas R. Vigil, Esq.		Thomas F	Thomas R. Vigil					
WELSH & KATZ, LTD. 120 South Riverside Plaza, Floor 22		NAME						
Chicago, IL 60606-3912		24,542						
		REGISTRA	REGISTRATION NUMBER					
		May 5, 20	06					
		DATE						

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PATENT APPLICATION – Hobson et al. Title: DIGITAL SIGNAL PROCESSING WITH IMPROVED MAPPING ATTORNEY DOCKET NO. 9792-97410

<u>CERTIFICATE OF MAILING BY "EXPRESS MAIL"</u> (37 CFR 2.198)

Express Mail No. EV 843966614 US

I hereby certify that the following papers (identified below) are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 2.198 in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on this 5th day of May, 2006.

Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on this 5" day of May, 2006.						
Carl Stanley						
CARL STANLEY						
Cal Stale						
(Signature of Person Mailing Corr espondence)						
Enclosed:						
Certificate of Mailing (1 page);						
Transmittal Letter to the United States Designated/Elected Office Form PTO-1390 (3 pages, in duplicate);						
Application including specification, claims & abstract;						
Data Sheets (4 pages);						
Preliminary Amendment (8 pages);						
Copy of Title Page of PCT WO 2005/048192 A1;						
Copy of International Search Report PCT/GB2004/004741;						
Addressed Postage Paid Receipt Postcard.						